

FIG. 2

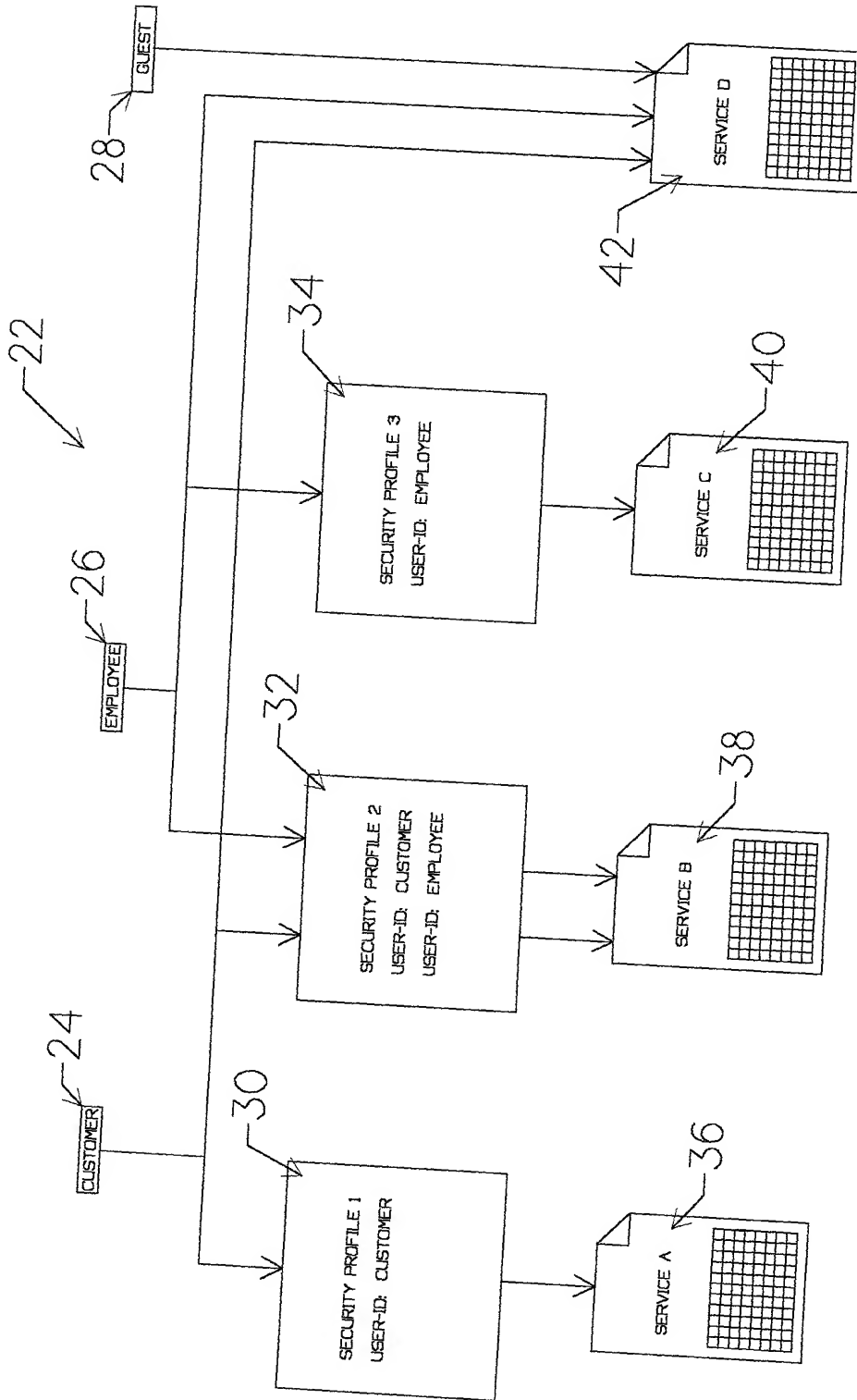


FIG. 2

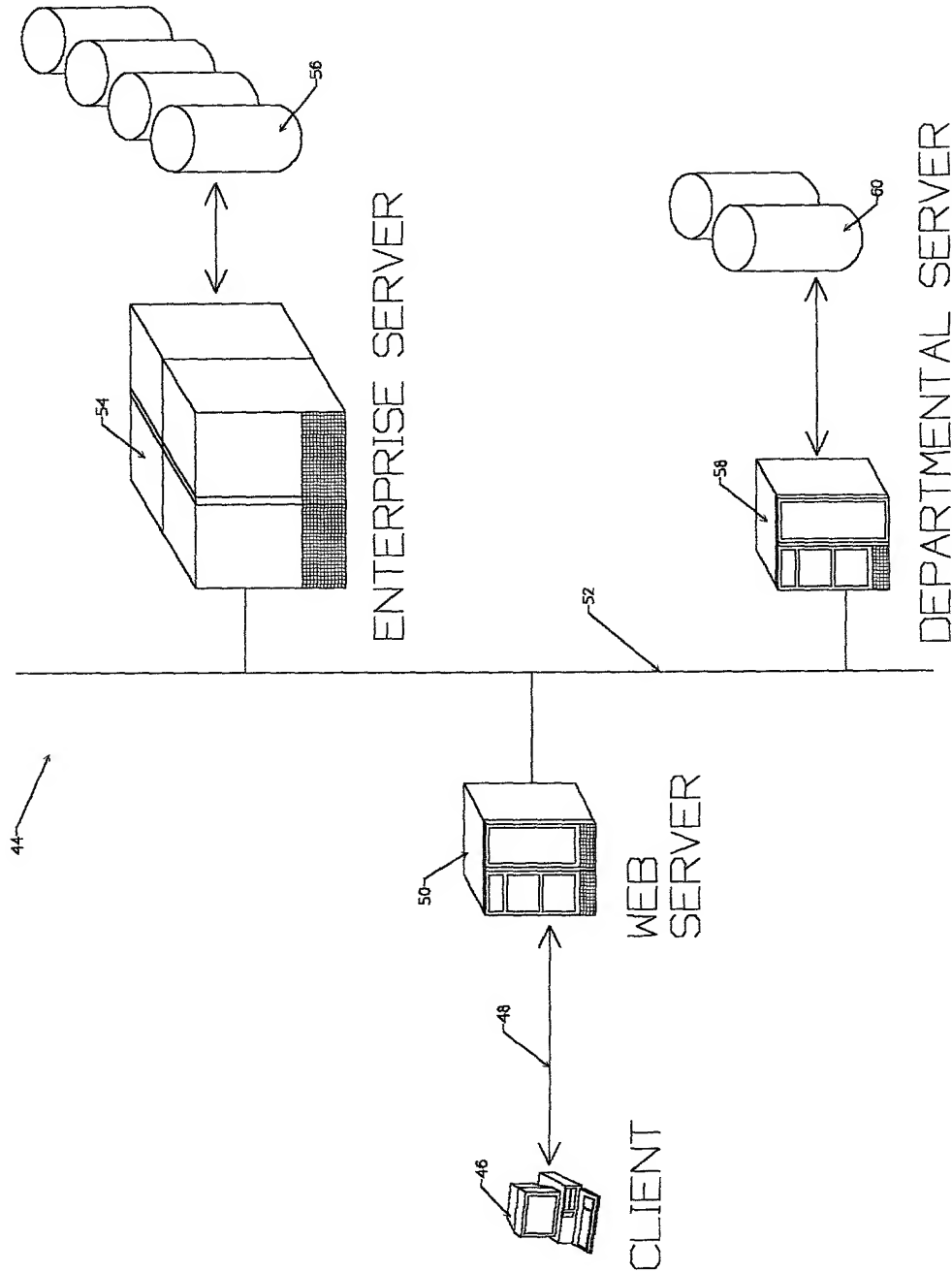


FIG. 3

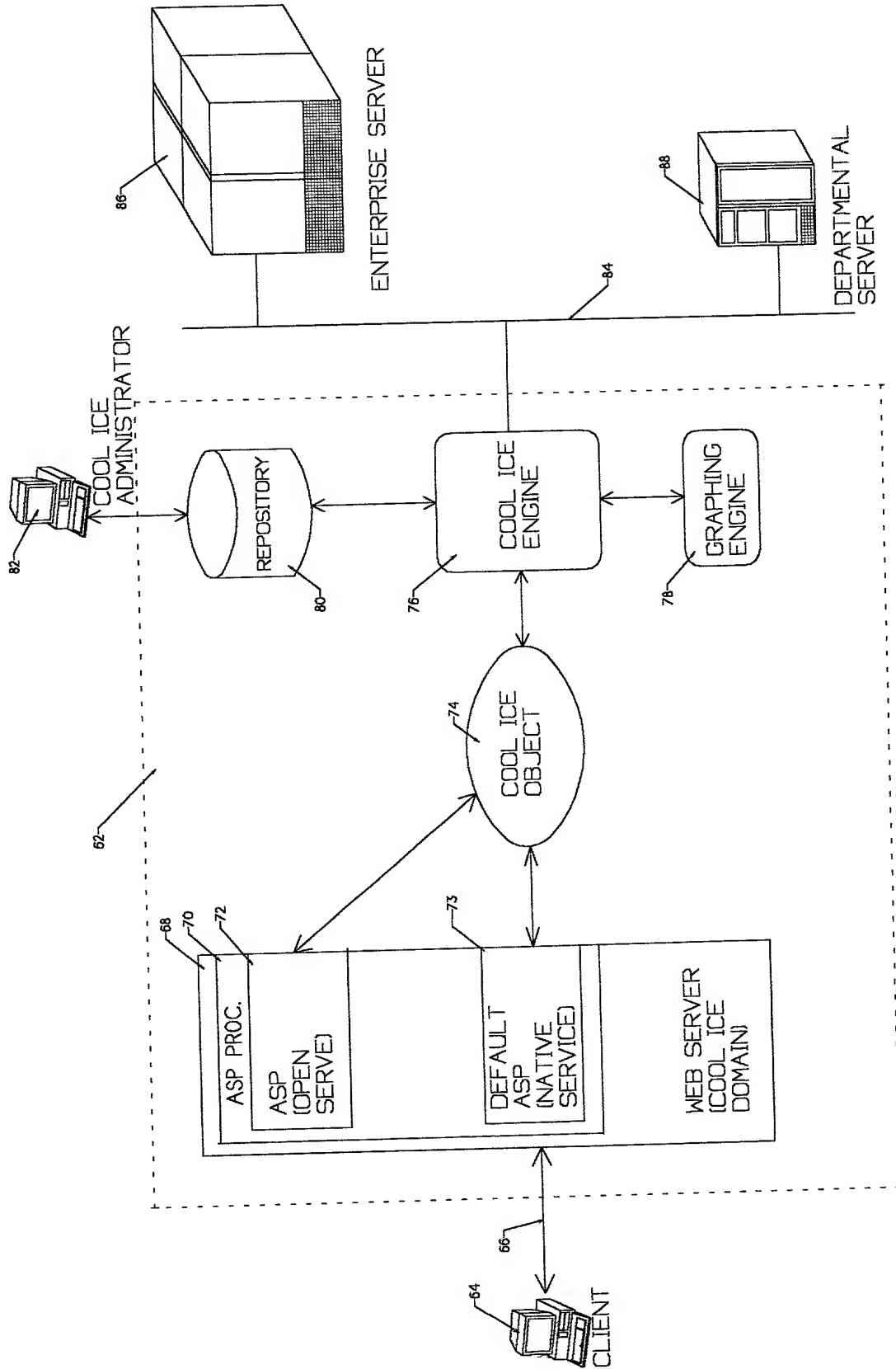


FIG. 4

FIG. 6

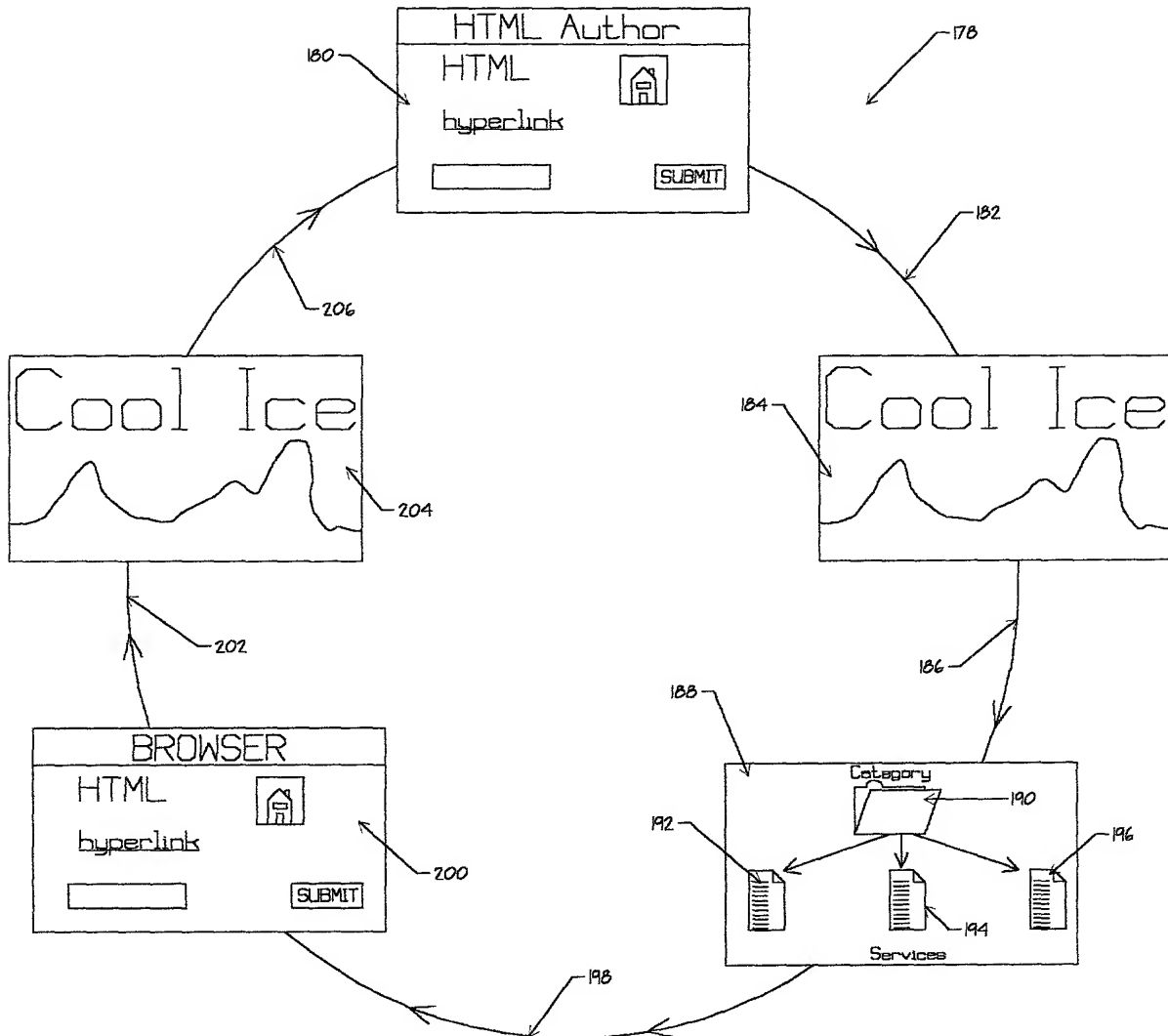


FIG. 7

FIG. 8

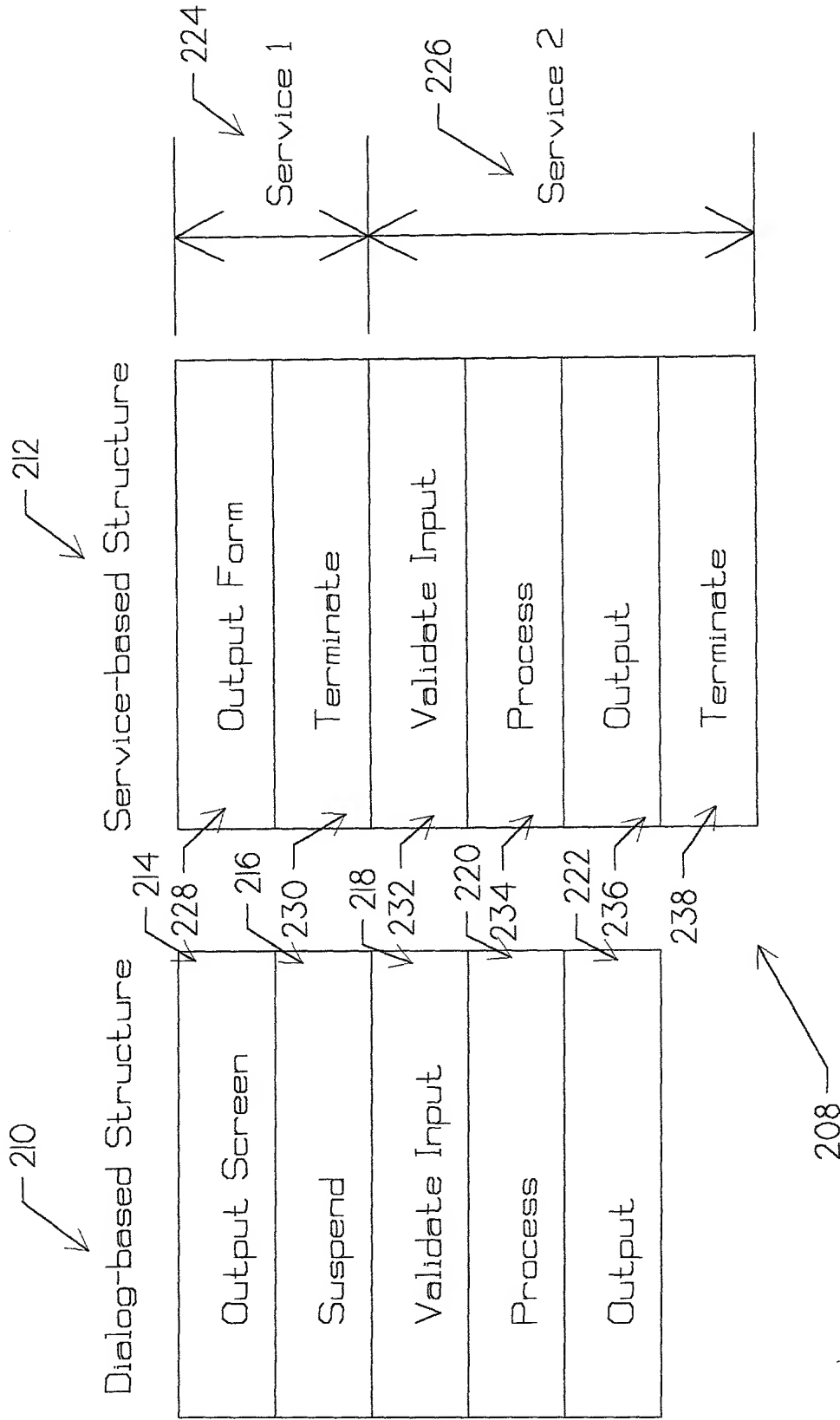


FIG. 8

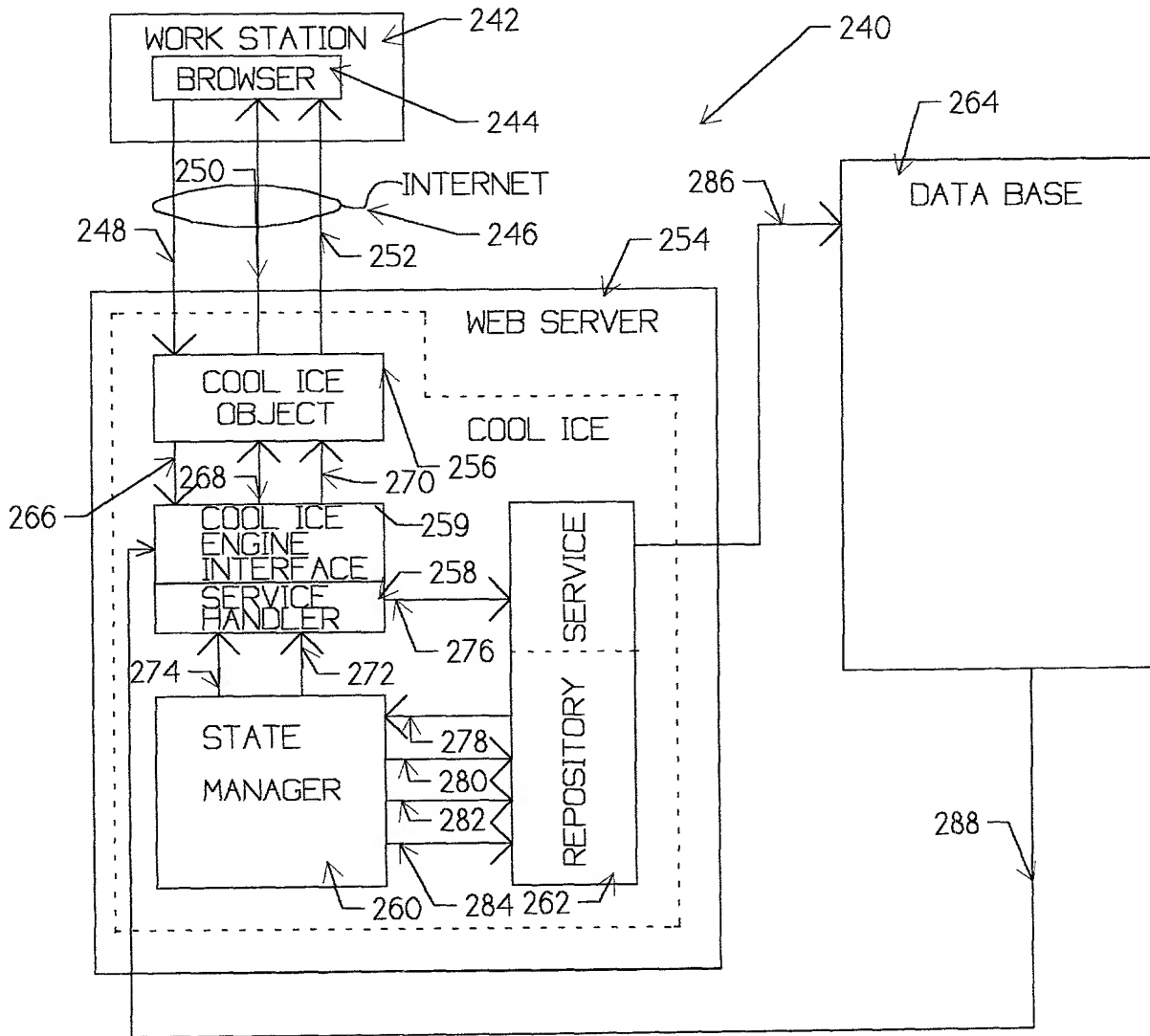


FIG. 9

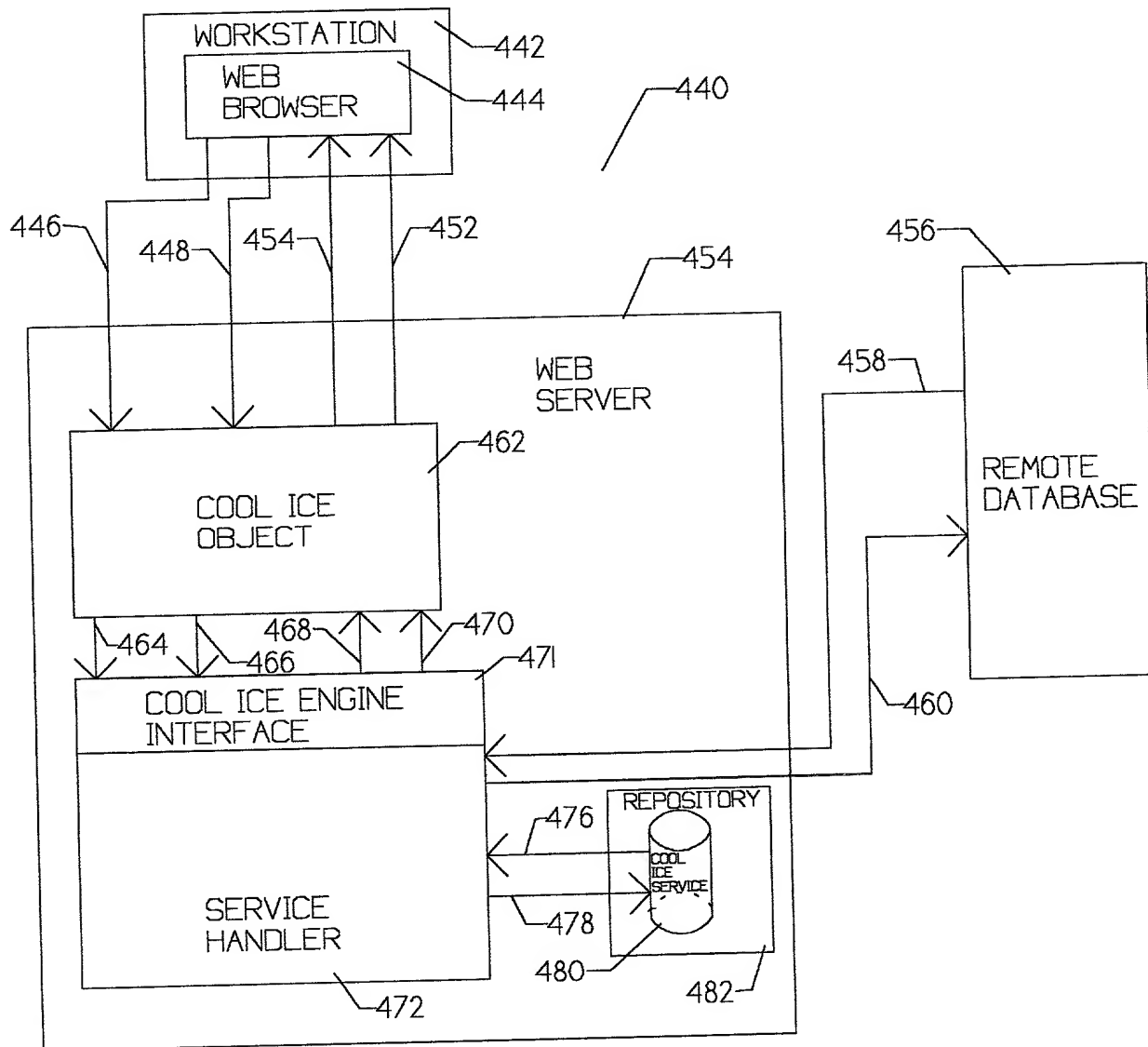


FIG. 10

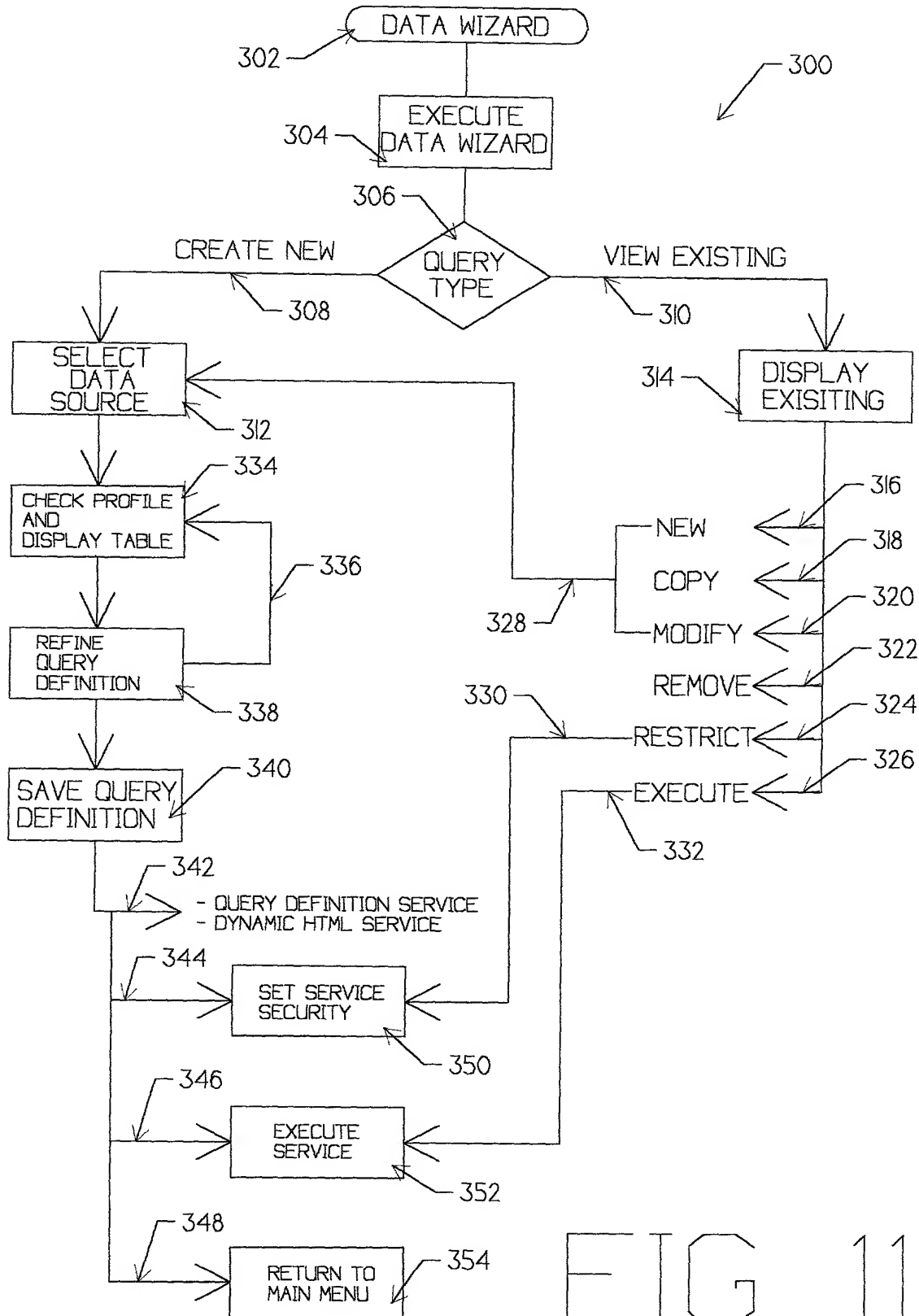


FIG. 11

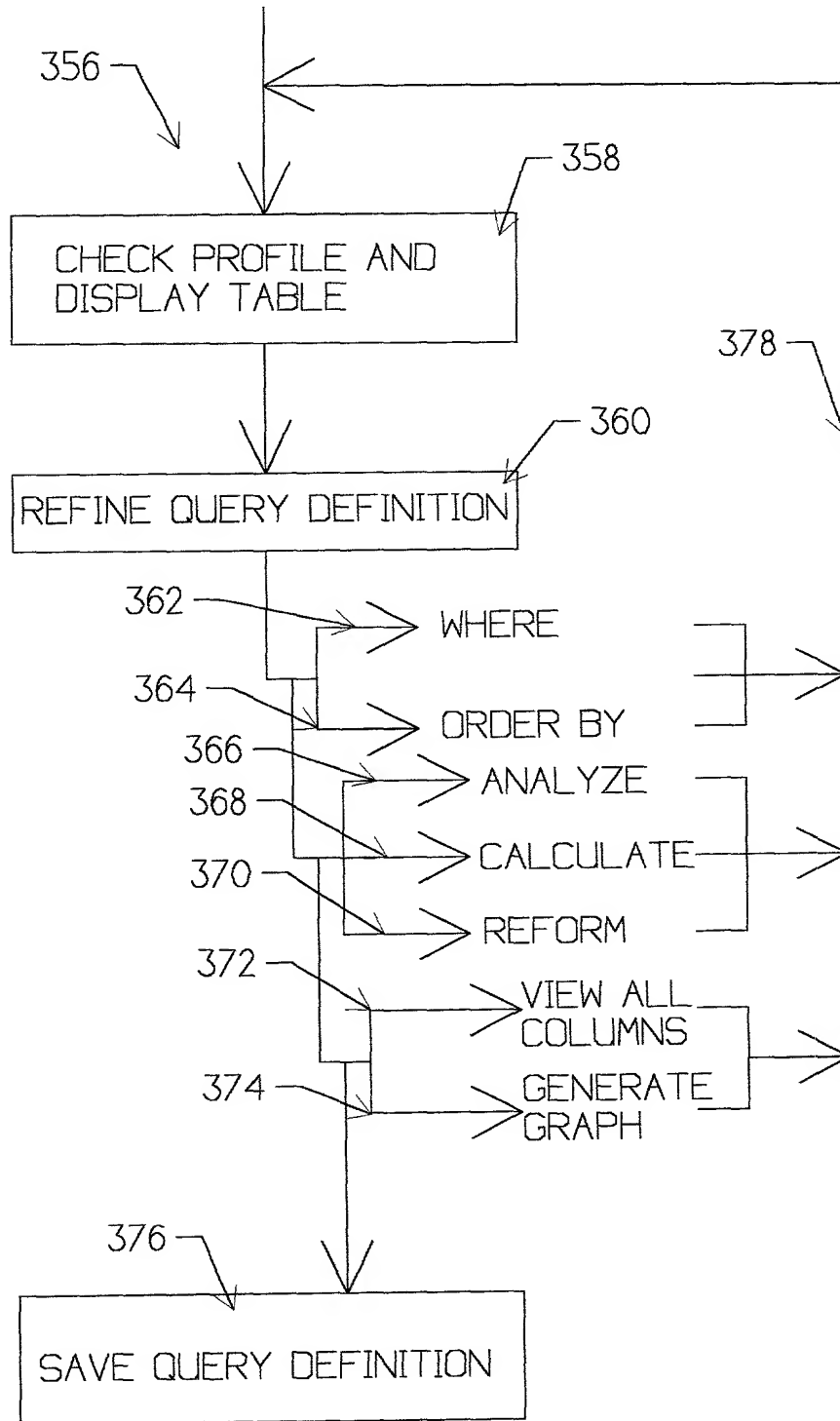


FIG. 12

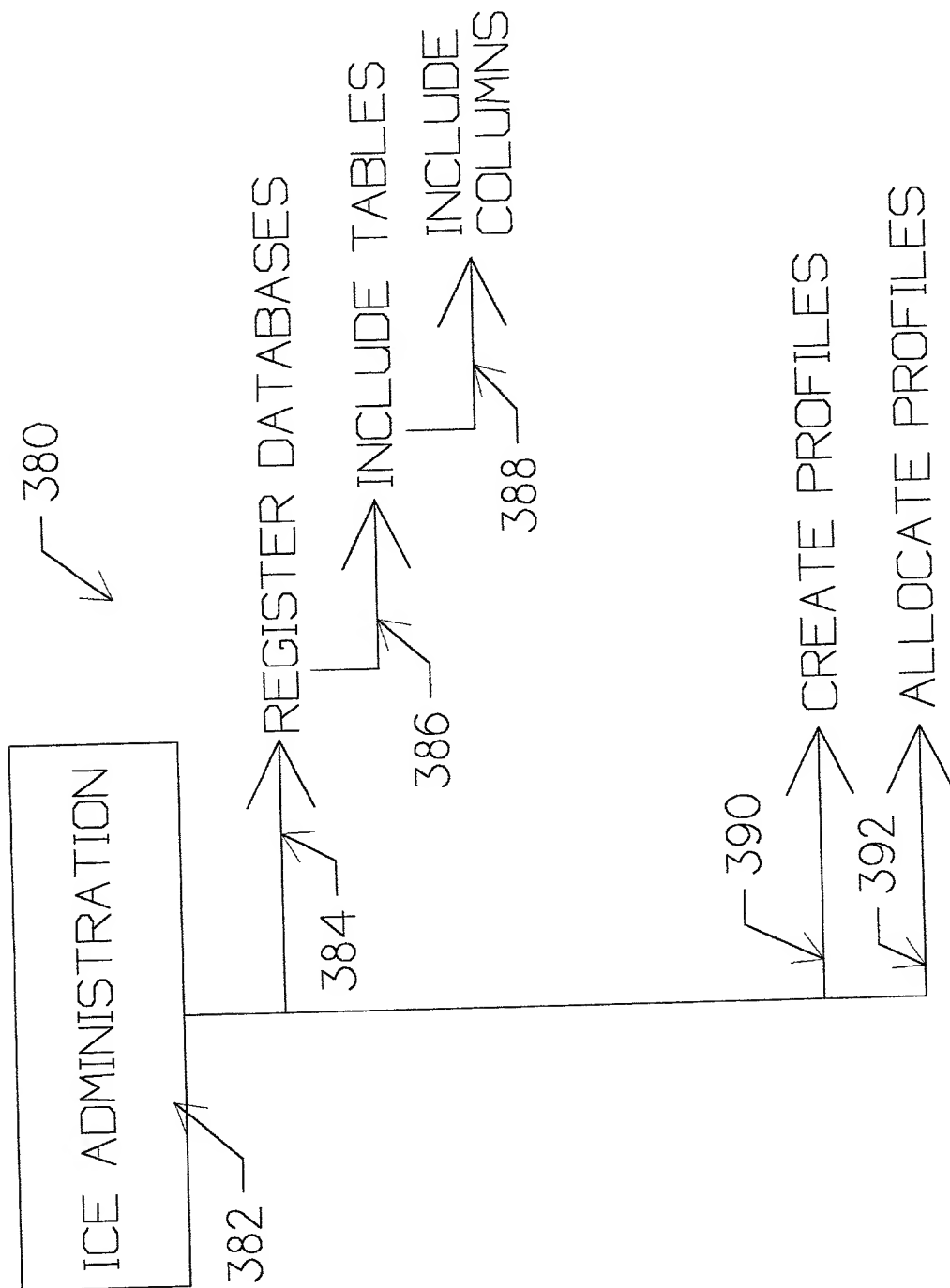


FIG. 13

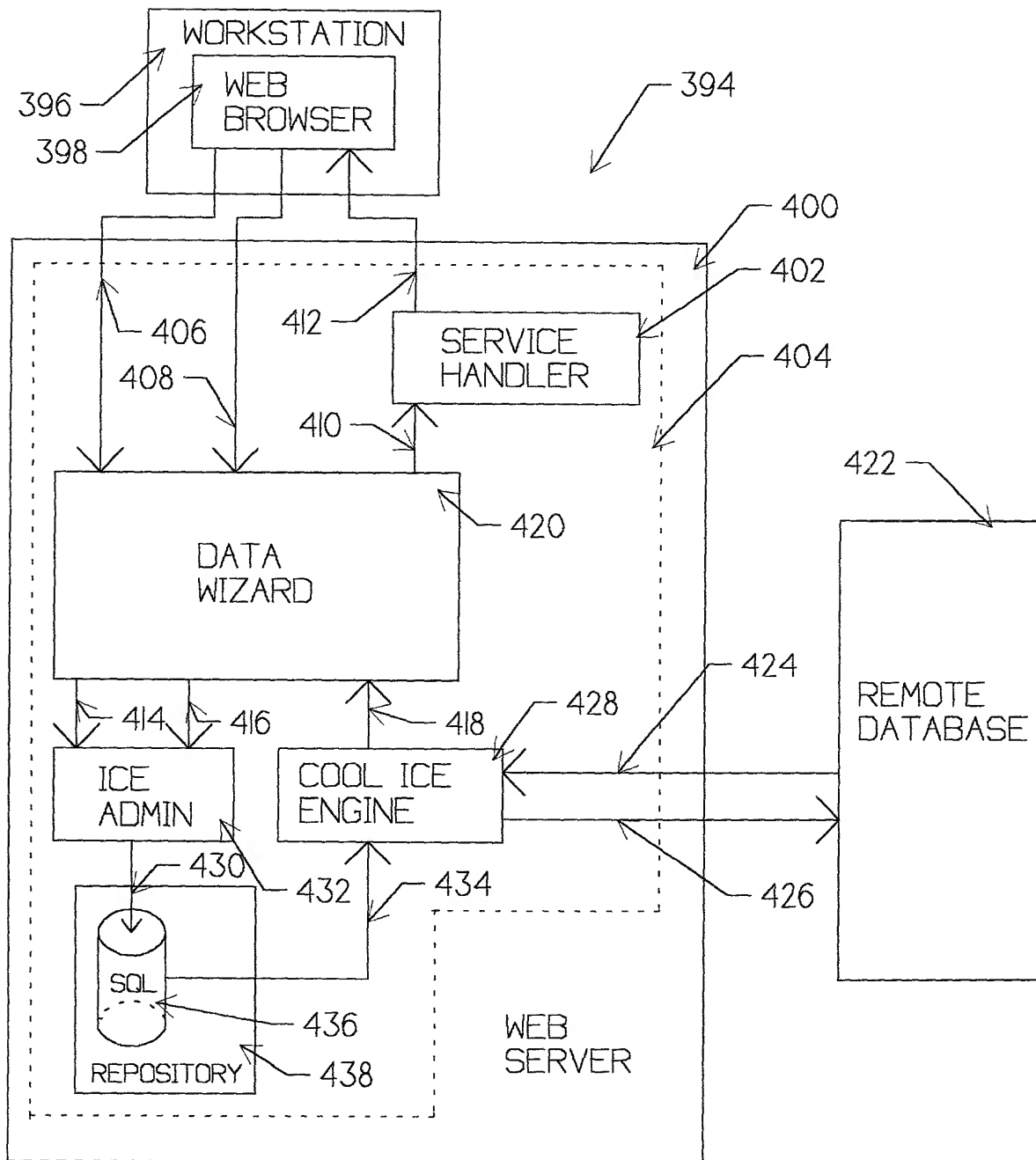


FIG. 14

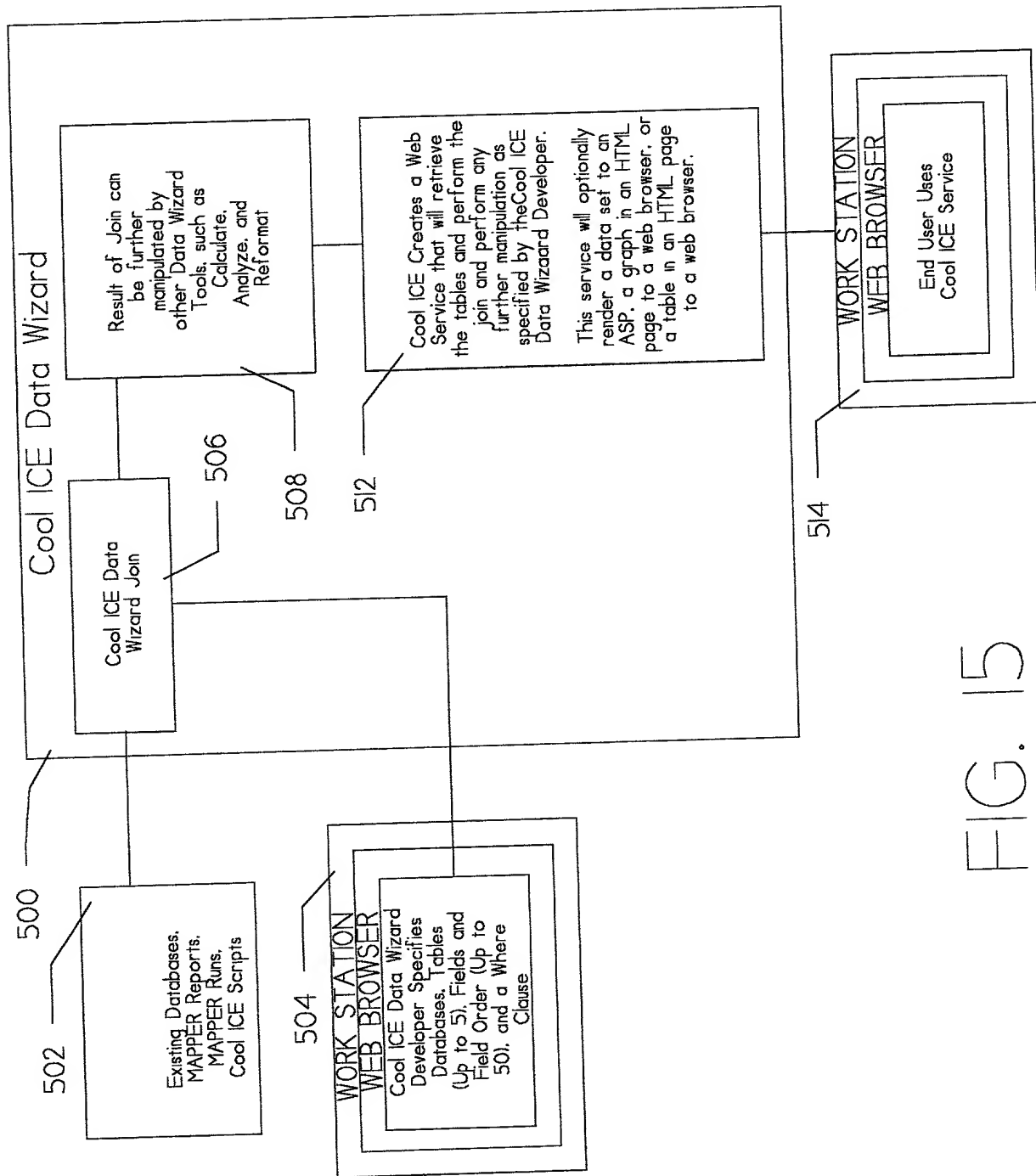


FIG. 15

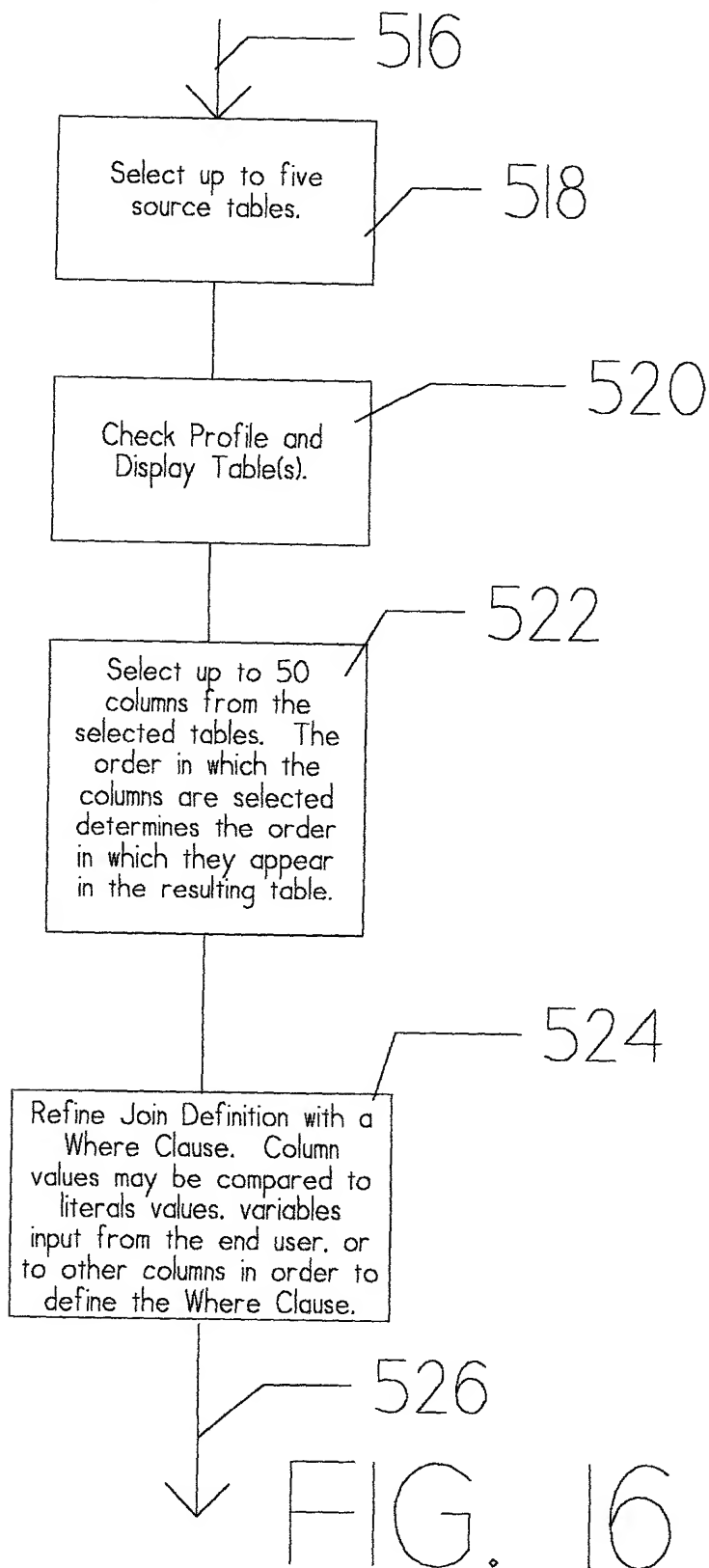


FIG. 16

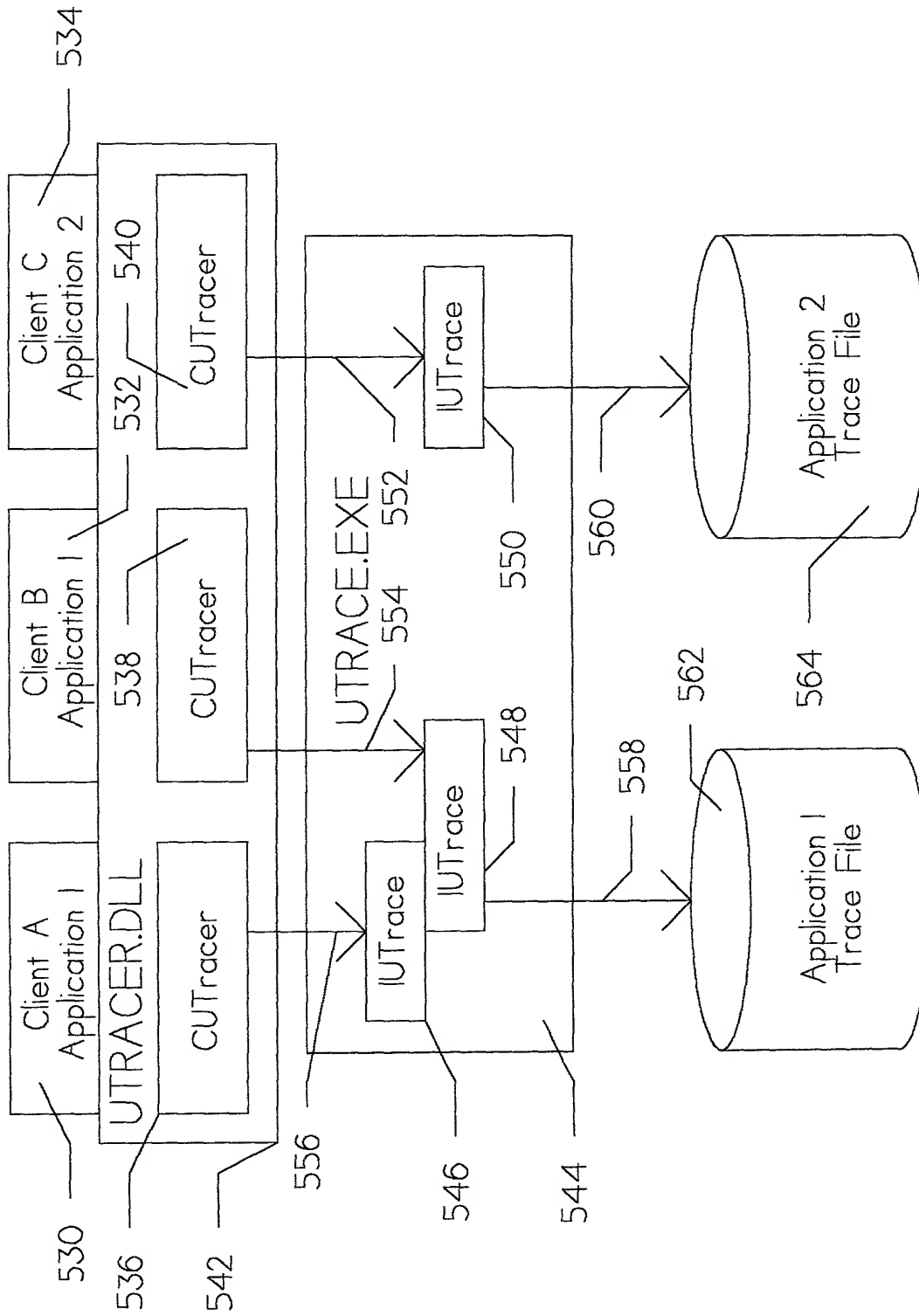


FIG. 17

HKLM\SOFTWARE\UNISYS\UTRACE

APPNAME -- Subkey matching the name of the application 565

ENABLETRACE	-- DWORD value indication a Boolean (1=trace, 0=no trace).
MAXENTRIES	-- DWORD value indicating the maximum number of entries in the trace file. If missing, then no upper limit is imposed.
FORMATFLAGS	-- DWORD value indicating message formatting flags.
POLICYFLAGS	-- DWORD value indicating trace policy flags set for the application.
TRACELEVEL	-- DWORD value indicating a trace level. 0 = no trace.
TRACEPATH	-- String value indicating the directory path for the trace files.
REGTRACE	-- A string value containing the HKLM\Software sub key to trace for this application. Blank or missing for no registry trace.
COMPONENT	-- A subkey for a specific component of the application.
POLICYFLAGS	-- Value indicating component level trace policy flags
TRACELEVEL	-- DWORD Value indicating a trace level. 0 = no trace.
VERSIONTRACE	-- String value specifying executable component name for version information tracing.

FIG. 18

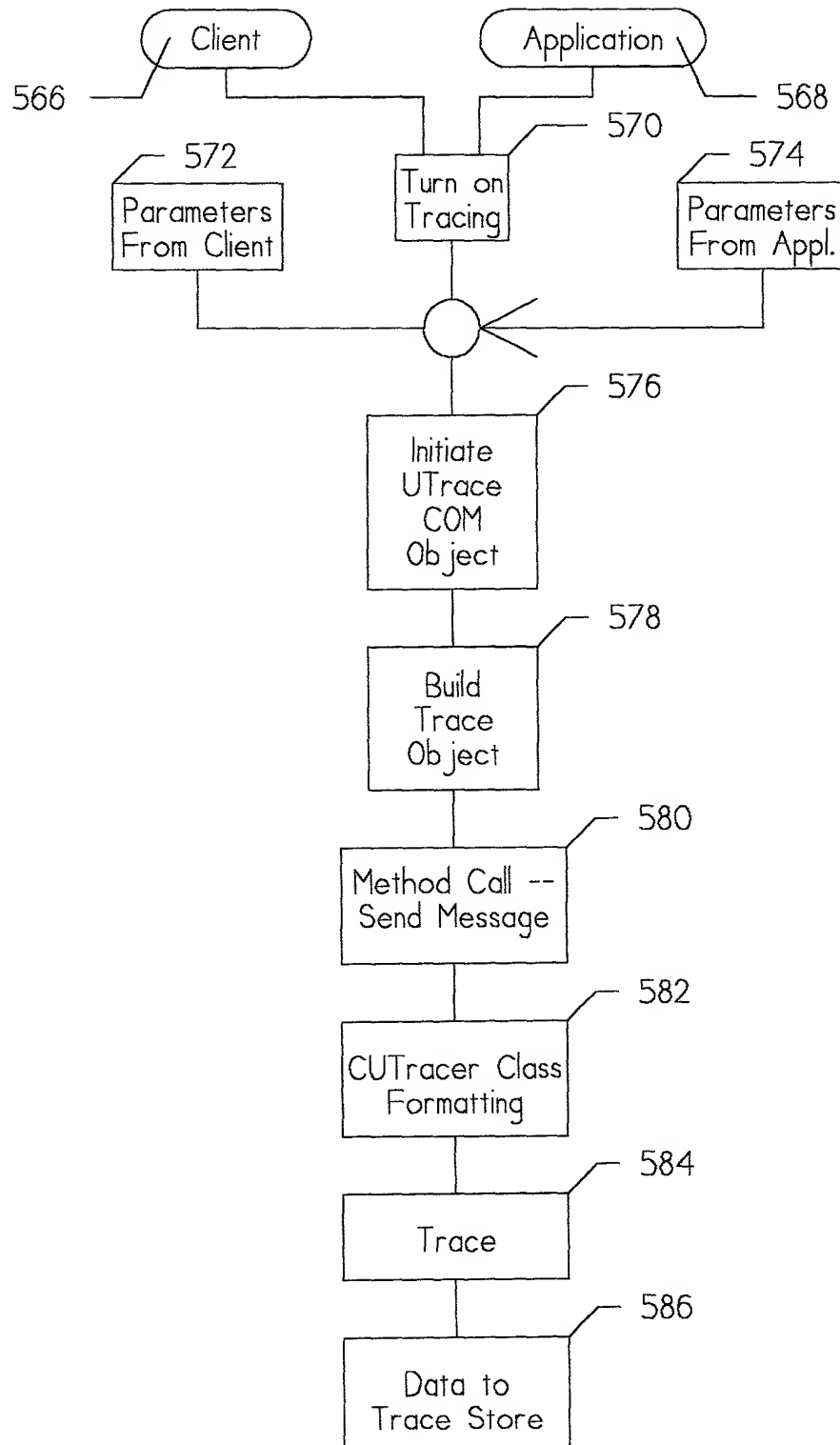


FIG. 19

```
#define CI_TRACE_VERSION      0x1
#define CI_TRACE_ERROR        0x2
#define CI_TRACE_INTERFACE    0x4
#define CI_TRACE_FLOW         0x8
#define CI_TRACE_DETAIL       0x10
```

FIG. 20A

```
if (m_trace.Active(CI_TRACE_DETAIL))
m_trace<<"MY Detailed Trace information"<<Localvariable<<traceit
```

FIG. 20B

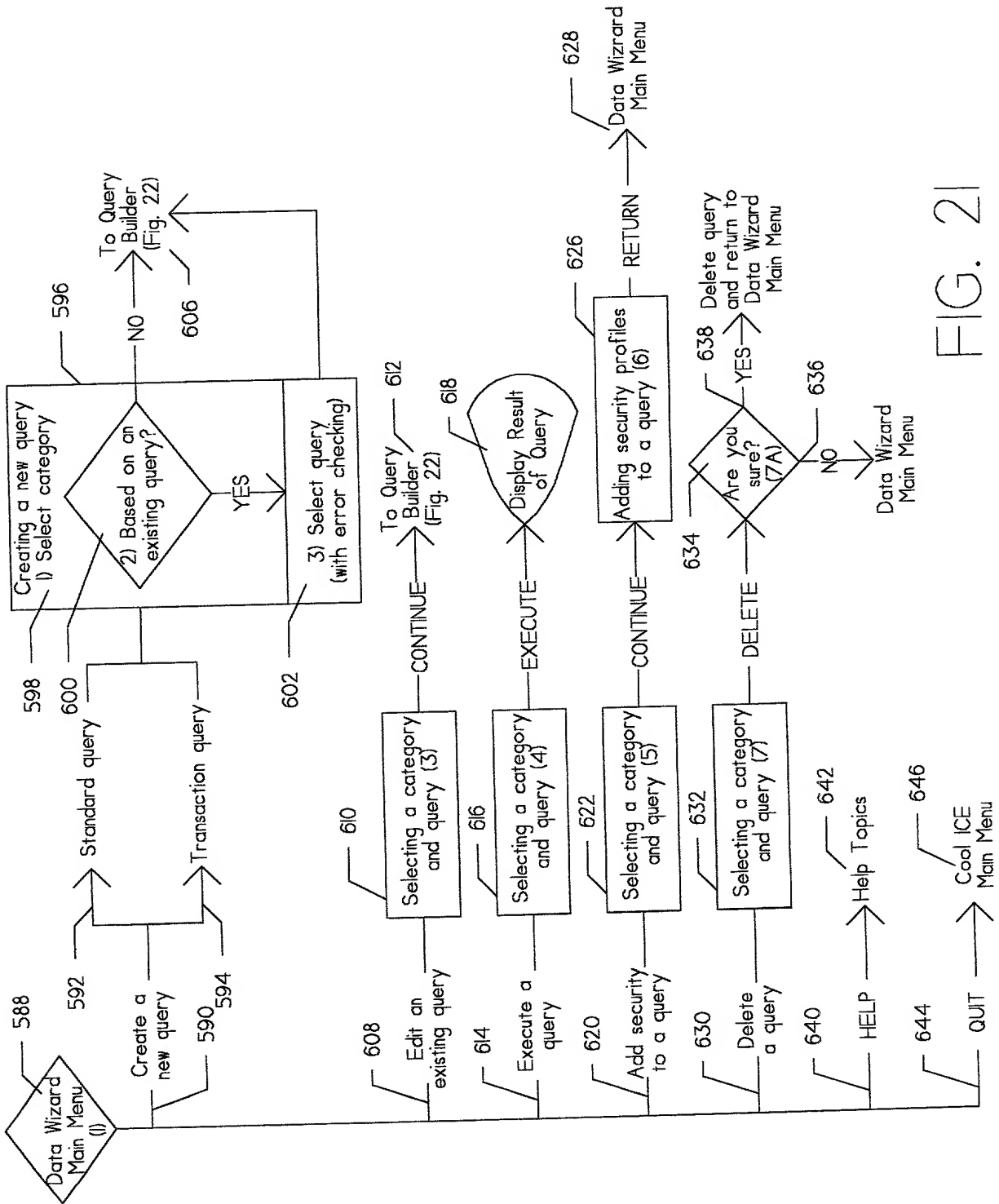


FIG. 21

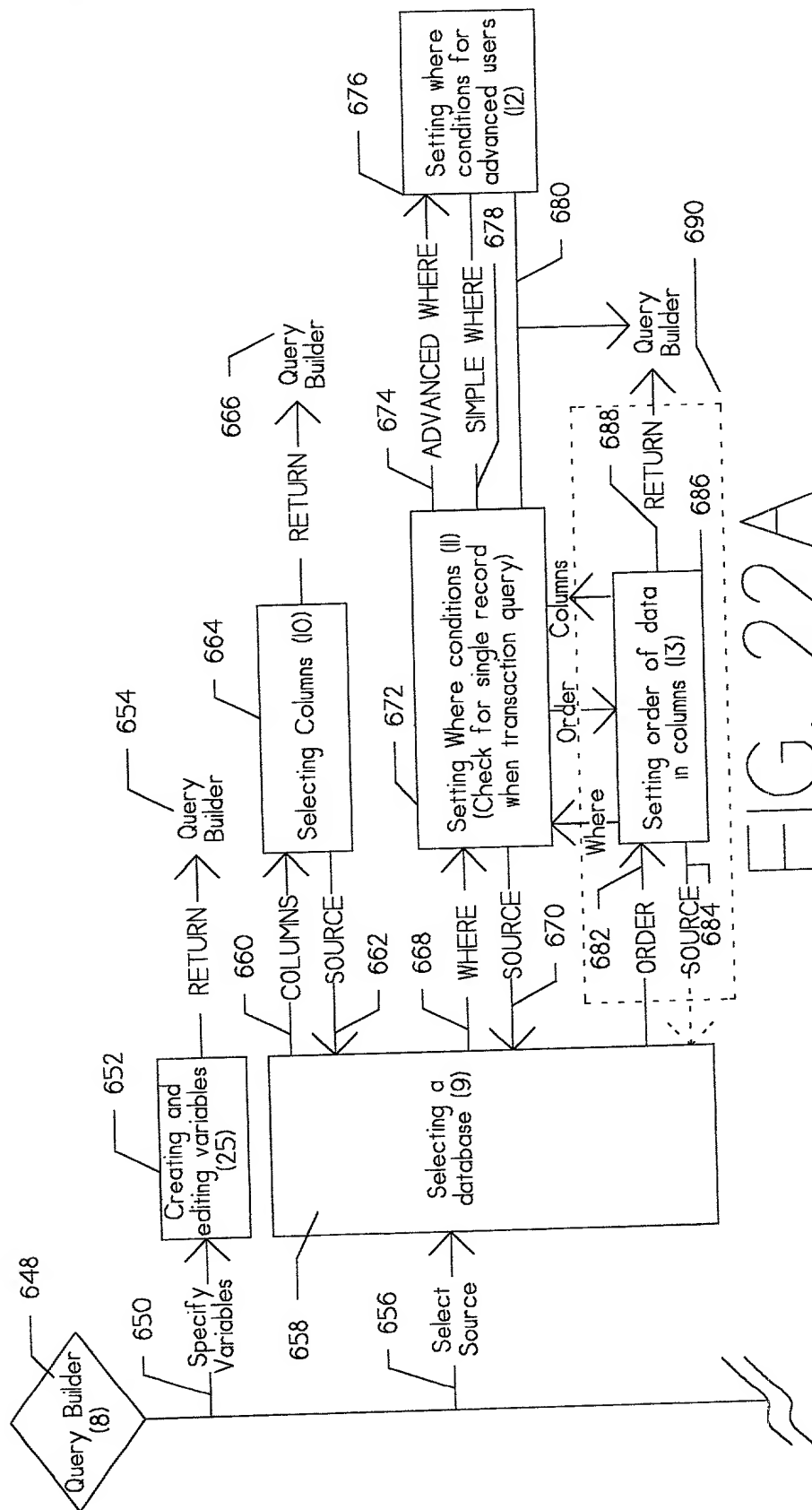


FIG. 22A

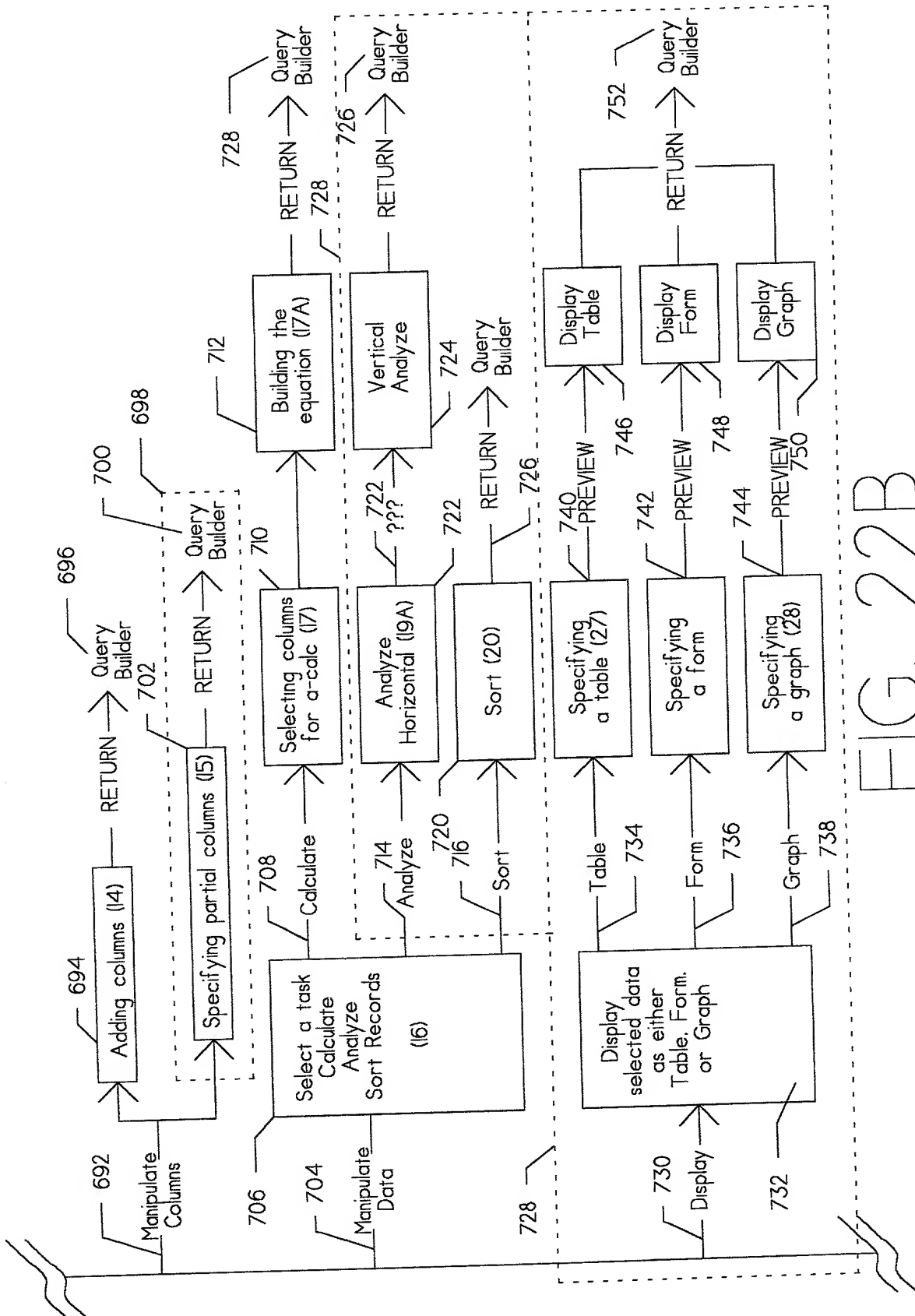
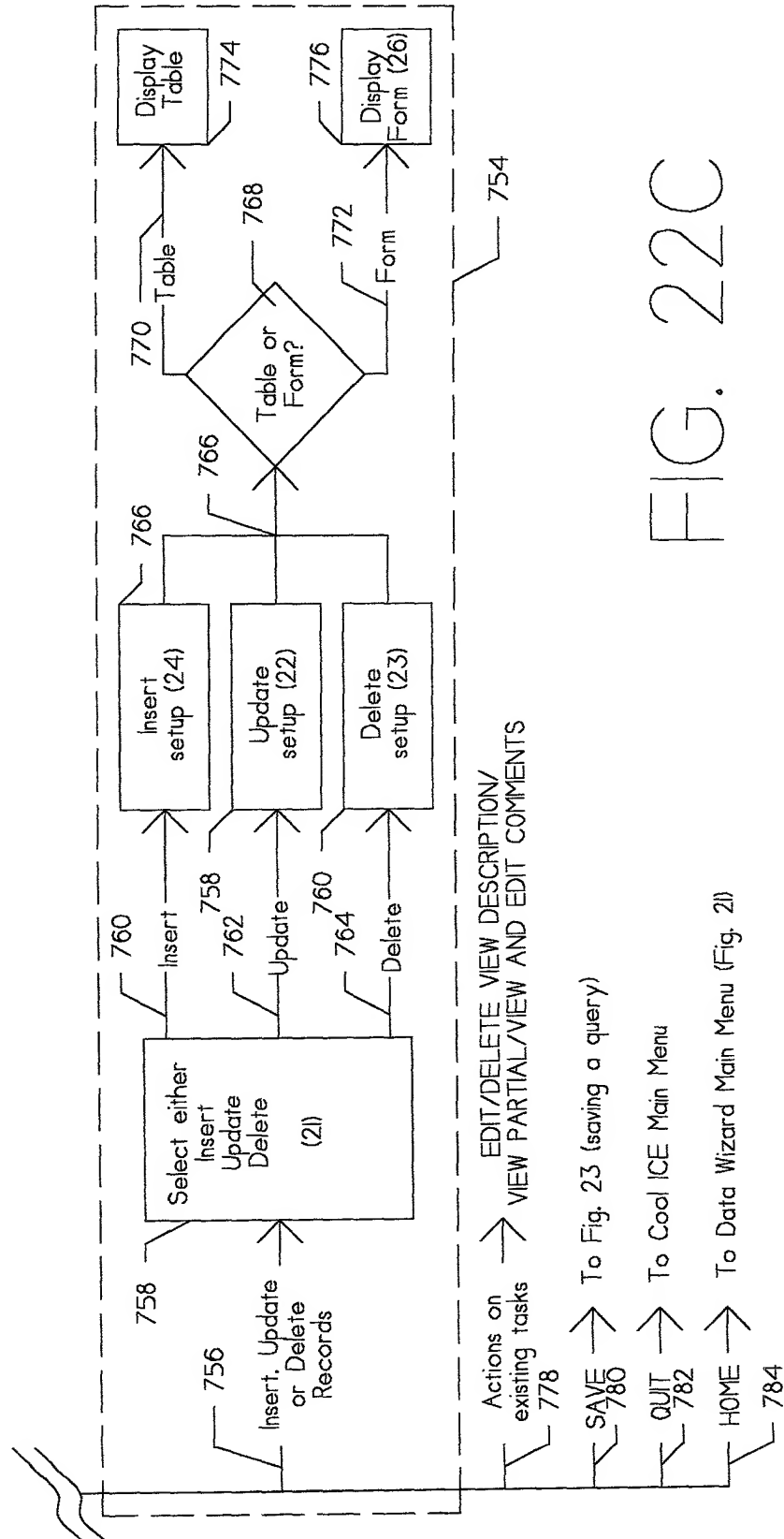


FIG. 22B



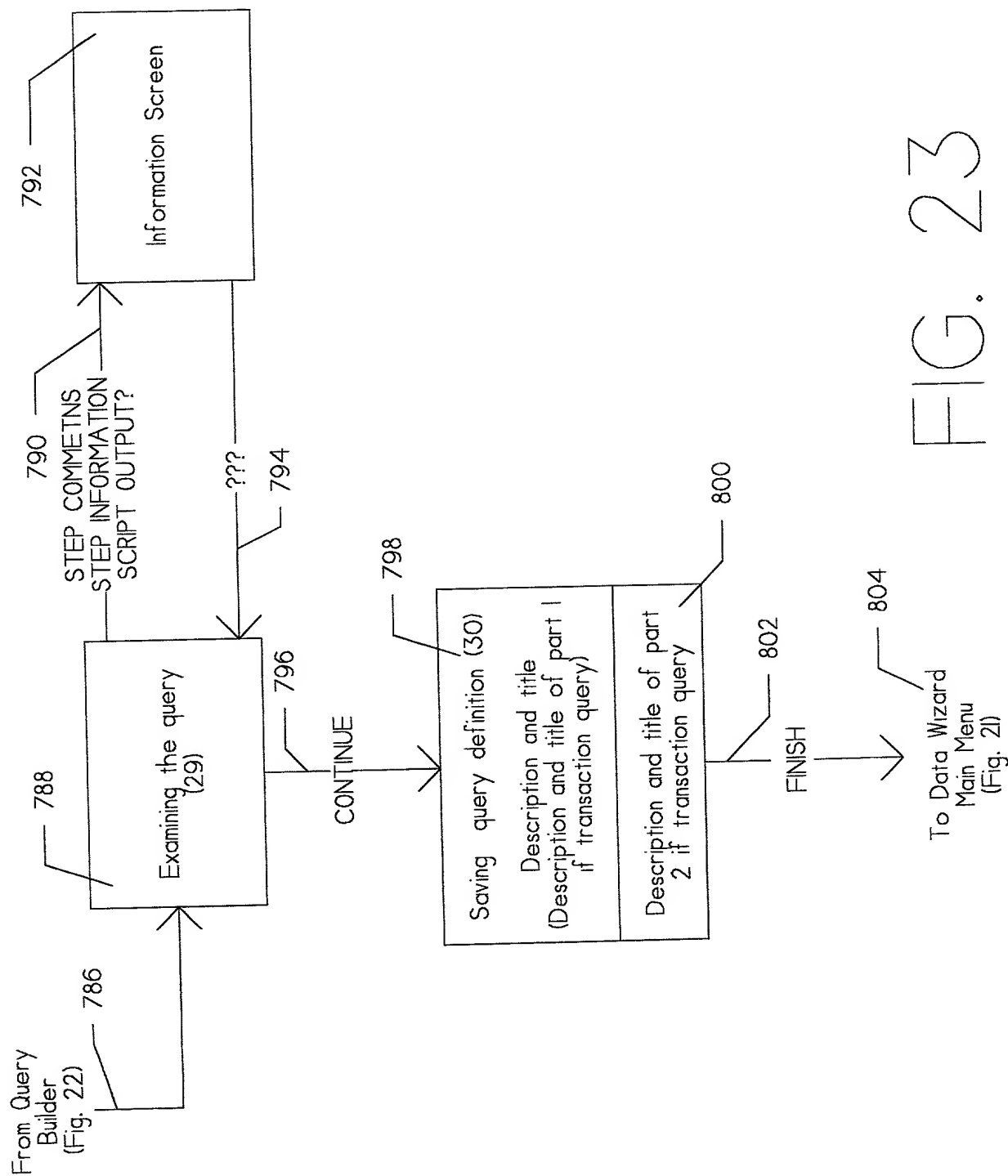


FIG. 23

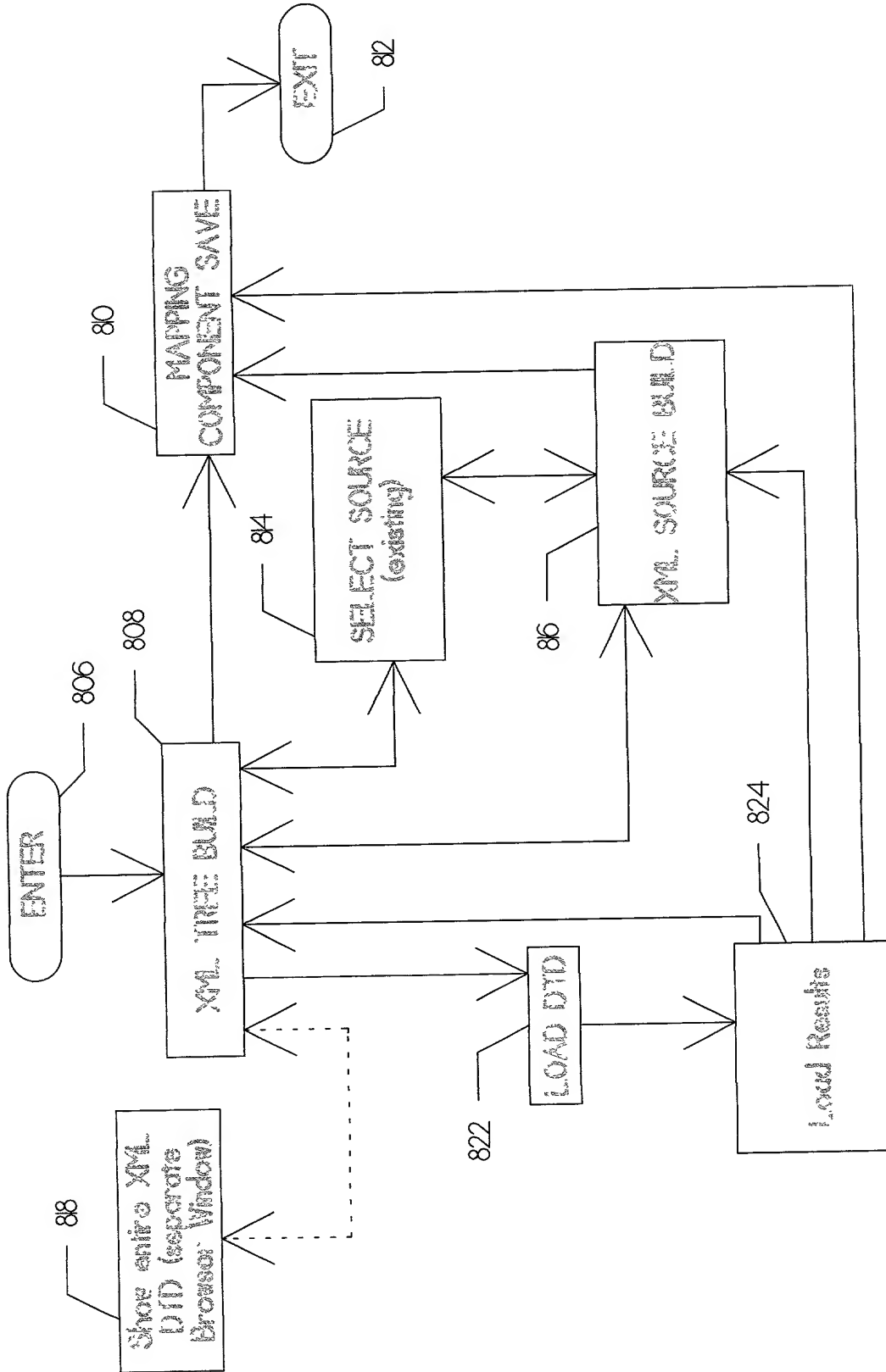


FIG. 24

50

826

838 ☐ Newspaper

840 ☐ Article

842 ☐ Author

844 ☐ Editor

846 ☐ Data

848 ☐ Edition

850 ☐ Headline

852 ☐ Byline

854 ☐ Lead

☐ Body

☐ Notes

☐ Tables

☐ Article

☐ Article

☐ Author

☐ Editor

☐ Data

☐ Edition

☐ Headline

☐ Byline

☐ Lead

☐ Body

☐ Notes

Mapping Type ☐ 868

Table Mapping ☐ 866

Complete ☐ 866

Name Conversion ☐ Capital 864

Element Properties

Item Type ☐ 860

Sequence ☐ 860

Mapping ☐ 860

Row Iterator ☐ 862

Value ☐ 863

Element Form ☐ Byline 861

Actions ☐ 865

Clear Mapping

Add Sibling above

Add Sibling below

Add Child

Add Attributes

Delete Branch

Compact View

Show Representation

Component Builder

UNISYS

871 — XML MAPPING ELEMENTS

872 — 873 — 874 — 876

ELEMENTS		CONTROLS	
<div>858</div> <div> <input type="button" value="Sort"/> </div> <div> <input type="radio"/> Variables <input type="radio"/> Tables </div>	<div>856</div> <div> <input type="button" value="Mapping Type"/> </div> <div> <input type="button" value="Name Conversion"/> </div> <div> <input type="button" value="Table Mapping"/> </div> <div> <input type="button" value="Complete"/> </div>	<div>864</div> <div> <input type="button" value="Open"/> </div> <div> <input type="button" value="Copy"/> </div> <div> <input type="button" value="Element Form"/> </div> <div> <input type="button" value="Repeat"/> </div>	<div>866</div> <div> <input type="button" value="Mapping"/> </div> <div> <input type="button" value="Row Iterator"/> </div> <div> <input type="button" value="Value"/> </div>

870

FIG. 27

FIG. 28

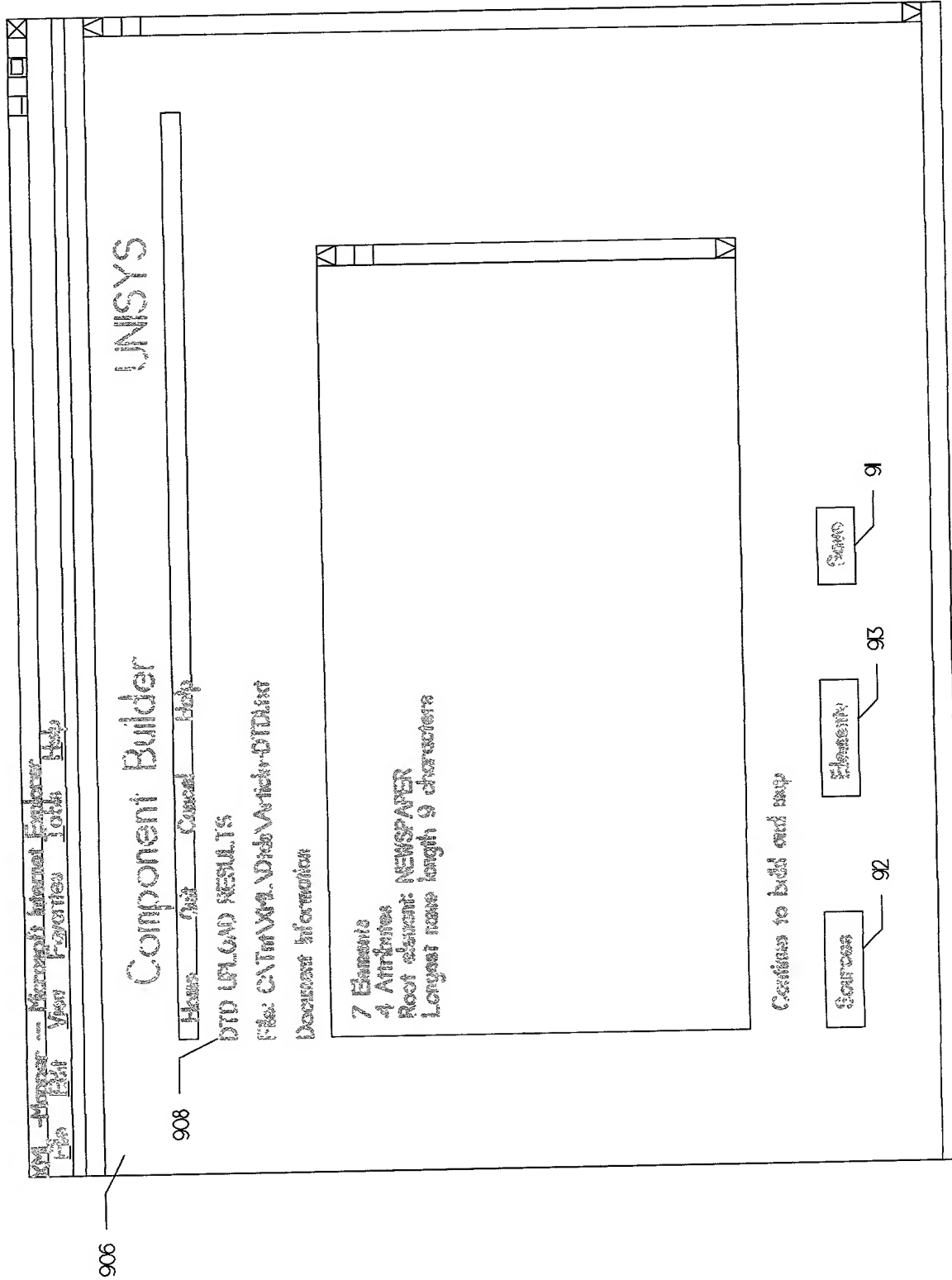


FIG. 28

DT EXAMPLE

Version:AC:0.0
Truncation:AC:0
TypeCheck:AC:0
Shcedata:ED:0:R
From:DE:R
From:EV:Supplier:20:string
TableType:ED:R
TableType:EV:TableInfo:50:string
Inventory:ED:R
inventory:BT:Inventory:7
Inventory:ITEMNUMBER:10
Inventory:QTY:5
Inventory:TYPE:10
Inventory:GENDER:6
Inventory:SIZE:3
Inventory:COLOR:3
Inventory:UNTCOST:13
Date:AD:R
Date:AV:SendDate:0:string
Time:AD:R
Time:AV:SendTime:5:string
Row:ED:2:R
Row:BR:1
ItemNr:ED:2:R
ItemNr:EF:ITEMNUMBER:10:R:string
Quantity:AD:2:R
Quantity:AF:QTY:5:R:string
Type:ED:2:R
Type:EF:TYPE:10:L:string
Gender:ED:2:0
Gender:EF:GENDER:6:L:string:Unisex
Size:ED:2:R
Size:EF:SIZE:3:L:string
Color:ED:3:0
Color:EF:COLOR:3:L:string:white
Unitcost:ED:2:R
Unitcost:EF:UNTCOST:13:R:string
Row:EE:2
Row:ER:a
Inventory:EE:1
Inventory:ET:1

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92

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94

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FIG. 29

10027931-132101

DTD EXAMPLE

98

<doctype ShoeData [

```

<ELEMENT ShoeData (From, TableType, Inventory)>
<ELEMENT From (#PCDATA)>
<ELEMENT TableType (#PCDATA)>
<ELEMENT Inventory (Row*)>
<ATTLIST Inventory Date CDATA #REQUIRED>
<ATTLIST Inventory Time CDATA #REQUIRED>
<ELEMENT Row (ItemNr, Type, Gender?, Size, Color?, Unitcost)*>
<ELEMENT ItemNr (#PCDATA)>
<ATTLIST ItemNr Quantity CDATA #REQUIRED>
<ELEMENT Type (#PCDATA)>
<ELEMENT Gender (#PCDATA)>
<ELEMENT Size (#PCDATA)>
<ELEMENT Color (#PCDATA)>
<ELEMENT Unitcost (#PCDATA)>
    
```

FIG. 30

XML INPUT DOCUMENT EXAMPLE

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```

<xml version="1.0" encoding="US-ASCII">
  <ShoeData>
    <FromSource/>
    <From/>
    <TableType>Low Inventory Count</TableType>
    <Inventory Date>2000-12-05</Inventory Date>
    <Item>
      <Head>
        <Quantity>0732535</Quantity>
        <Type>Female</Type>
        <Gender>Male</Gender>
        <Size>6</Size>
        <Color>White/Low Grey/Neon Green</Color>
        <UnitCost>25.00</UnitCost>
      </Head>
      <Body>
        <Head>
          <Quantity>0732540</Quantity>
          <Type>Running</Type>
          <Gender>Women</Gender>
          <Size>5</Size>
          <Color>White/Low Grey/Neon Green</Color>
          <UnitCost>25.00</UnitCost>
        </Head>
        <Body>
          <Head>
            <Quantity>0732544</Quantity>
            <Type>Running</Type>
            <Gender>Women</Gender>
            <Size>6</Size>
            <Color>White/Low Grey/Neon Green</Color>
            <UnitCost>25.00</UnitCost>
          </Head>
          <Body>
            <Head>
              <Quantity>2735420</Quantity>
              <Type>Running</Type>
              <Gender>Women</Gender>
              <Size>5</Size>
              <Color>White/Chlorine Blue/Hot Line</Color>
              <UnitCost>40.00</UnitCost>
            </Head>
            <Body>
              <Head>
                <Quantity>1737425</Quantity>
                <Type>Golf</Type>
                <Gender>Women</Gender>
                <Size>3</Size>
                <Color>White/Fluorescent Pink</Color>
                <UnitCost>35.00</UnitCost>
              </Head>
              <Body>
                <Head>
                  <Quantity>0732474</Quantity>
                  <Type>Female</Type>
                  <Gender>Women</Gender>
                  <Size>6</Size>
                  <Color>White/Light Purple</Color>
                  <UnitCost>25.00</UnitCost>
                </Head>
                <Body>
                  <Head>
                    <Quantity>1735300</Quantity>
                    <Type>Running</Type>
                    <Gender>Male</Gender>
                    <Size>6</Size>

```

FIG. 31

10007931-100101